INGRESS PROCESSING OPTIMIZATION VIA TRAFFIC CLASSIFICATION AND GROUPING

ABSTRACT OF THE DISCLOSURE

An arrangement is provided for ingress processing optimization via traffic classification and grouping. A plurality of packets are classified according to a classification criterion. The classified packets are used to generate a packet bundle containing packets that are uniform with respect to the classification criterion. The packet bundle and its corresponding packet bundle descriptor are transferred to a host which then processes the packet bundle as a whole according to the information contained in the packet bundle descrptor.